

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: James A. Neal

GENERAL INFORMATION:

Name:	MeadWestvaco Kentucky, L.P.
Address:	1724 Westvaco Road, P.O. Box 278, Wickliffe, KY 42087-02780
Date application received:	1-30-04
SIC/Source description:	2621
EIS #:	021-007-00002
Application log number:	56429
Permit number:	VF-04-002

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
__Administrative	<input checked="" type="checkbox"/> Title V
__Minor	<input checked="" type="checkbox"/> Synthetic minor
x Significant	<input type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input checked="" type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input checked="" type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052,1(14)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☐ Source applied for federally enforceable emissions cap
- ☒ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Baseline Average (tons/yr*)	Future Potential to Emit (tons/yr*)	Net Emission Increase (Tons)	PSD Significance Threshold (tons/yr)
PM/PM10	2.5	8.5	5.9	25/15
NOx	10.5	33.9	23.4	40
SO2	28.1	67.9	39.8	40
VOC	0.1	0.9	0.9	40
CO	3.5	4.3	0.8	100
Pb	1.2E-5	6.4E-05	5.2E-05	0.6
Fluorides	7.1E-6	0.1	0.1	3
TRS/H2S	0.0	0.0	0.0	10
H2SO4	0.1	0.2	0.1	7

* The trial period shall not exceed 269 hours/year. Baseline was established based on heat input for the last two years. Future potential is calculated based on the allowable permitted heat input and TDF usage of 269 hours /yr.

SOURCE PROCESS DESCRIPTION: REFER TO STATEMENT OF BASIS

EMISSION AND OPERATING CAPS DESCRIPTION:

The alternate operating scenario allows MeadWestvaco a trial burn of 269 hours over any 12- month rolling period to determine emission factors and operating parameters for combustion of tire derived fuel (TDF) in the Bark/Combination Boiler (EIS 09).

OPERATIONAL FLEXIBILITY: NONE